DATA MART FILE RECORD FORMATS

# General

All records will be pipe-delimited, and data for all clients in the hierarchy will be fetched.

# Record Types

All records will be prepended with a single-digit record type code. Currently, there are 5 record types produced for the data mart files:

* Full Cardholder record, denoted by type code ‘1’.
* Full Card record, denoted by type code ‘2’.
* Delta Cardholder record, denoted by type code ‘3’.
* Delta Card record, denoted by type code ‘4’.
* Transaction record, denoted by type code ‘5’.

This way, the records can be combined into a single file or can be broken out as needed.

Items with an asterisk (\*) will be passed in the file for all records. Other items may blank depending on the product.

# Cardholder Records

For cardholder data, the billing address will be used if available, otherwise the first available address for the record will be used.

## Full CH Records – Type Code 1

Currently, data mart full c/h records will be formatted as such:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Field** | **Type** | **Detail** |
| 1 | \* | Record Type Code | Numeric | Always 1 |
| 2 |  | External Cardholder ID | Numeric | If the client has a CH ID they use we can import this into our system to reference both client and QRS CH IDs. |
| 3 | \* | QRS Cardholder ID | Numeric | System generated ID created per CH |
| 4 | \* | Last Name | Alphanumeric |  |
| 5 | \* | First Name | Alphanumeric |  |
| 6 |  | Middle Name | Alphanumeric |  |
| 7 | \* | Cardholder Status | Alpha | Active, Inactive, Blocked, Closed, ActiveCIP |
| 8 |  | Birthdate | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 9 |  | Identification Number | Numeric | Federally or State issued ID number to recognize the CH |
| 10 |  | Identification Type | Alpha | Driver’s License, SSN, Military ID, Passport, State ID Card |
| 11 | \* | Billing Address | Alphanumeric |  |
| 12 |  | Billing Address 2 | Alphanumeric |  |
| 13 | \* | Billing City | Alpha |  |
| 14 | \* | Billing State | Alpha |  |
| 15 | \* | Billing ZIP/Postal Code | Alphanumeric |  |
| 16 | \* | Billing Country | Alpha | ISO – Alpha 3 Letter Code |
| 17 |  | Mailing Address | Alphanumeric |  |
| 18 |  | Mailing Address 2 | Alphanumeric |  |
| 19 |  | Mailing City | Alpha |  |
| 20 |  | Mailing State | Alpha |  |
| 21 |  | Mailing ZIP/Postal Code | Alphanumeric |  |
| 22 |  | Mailing Country | Alpha | ISO – Alpha 3 Letter Code |
| 23 |  | Email | Alphanumeric |  |
| 24 |  | Mobile # | Numeric |  |
| 25 |  | Phone # | Numeric |  |
| 26 |  | Fax # | Numeric |  |
| 27 | \* | Create Date | Numeric | Date the CH was entered into the system. *yyyy-MM-dd*T*HH:mm:ss* |
| 28 |  | Last Update Date | Numeric | Date the CH data was last changed. *yyyy-MM-dd*T*HH:mm:ss* |
| 29 |  | CIP/OFAC placeholder | Alpha | Empty |
| 30 |  | CIP/OFAC placeholder | Alpha | Empty |
| 31 | \* | QRS Client ID | Numeric | System generated ID number for the client the CH belongs to |

## Delta CH Records – Type Code 3

Delta cardholder records will have the same layout as the full record, with one difference: The “CRUD” operation will be denoted right after the type code. Here’s the layout:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Field** | **Type** | **Detail** |
| 1 | \* | Record Type Code | Numeric | Always 3 |
| 2 | \* | CRUD Op | Alpha | (‘A’ for add/create, ‘U’ for update. Deletes currently not supported.) |
| 3 |  | External Cardholder ID | Numeric | If the client has a CH ID they use we can import this into our system to reference both client and QRS CH IDs. |
| 4 | \* | QRS Cardholder ID | Numeric | System generated ID created per CH |
| 5 | \* | Last Name | Alphanumeric |  |
| 6 | \* | First Name | Alphanumeric |  |
| 7 |  | Middle Name | Alphanumeric |  |
| 8 | \* | Cardholder Status | Alpha | Active, Inactive, Blocked, Closed, ActiveCIP |
| 9 |  | Birthdate | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 10 |  | Identification Number | Numeric | Federally or State issued ID number to recognize the CH |
| 11 |  | Identification Type | Alpha | Driver’s License, SSN, Military ID, Passport, State ID Card |
| 12 | \* | Billing Address | Alphanumeric |  |
| 13 | \* | Billing Address 2 | Alphanumeric |  |
| 14 | \* | Billing City | Alpha |  |
| 15 | \* | Billing State | Alpha |  |
| 16 | \* | Billing ZIP/Postal Code | Alphanumeric |  |
| 17 | \* | Billing Country | Alpha | ISO – Alpha 3 Letter Code |
| 18 |  | Mailing Address | Alphanumeric |  |
| 19 |  | Mailing Address 2 | Alphanumeric |  |
| 20 |  | Mailing City | Alpha |  |
| 21 |  | Mailing State | Alpha |  |
| 22 |  | Mailing ZIP/Postal Code | Alphanumeric |  |
| 23 |  | Mailing Country | Alpha | ISO – Alpha 3 Letter Code |
| 24 |  | Email | Alphanumeric |  |
| 25 |  | Mobile # | Numeric |  |
| 26 |  | Phone # | Numeric |  |
| 27 |  | Fax # | Numeric |  |
| 28 | \* | Create Date | Numeric | Date the CH was entered into the system. *yyyy-MM-dd*T*HH:mm:ss* |
| 29 |  | Last Update Date | Numeric | Date the CH data was last changed. *yyyy-MM-dd*T*HH:mm:ss* |
| 30 |  | CIP/OFAC placeholder | Alpha | Empty |
| 31 |  | CIP/OFAC placeholder | Alpha | Empty |
| 32 | \* | QRS Client ID | Numeric | System generated ID number for the client the CH belongs to |

# Card Records

## Full Card Records – Type Code 2

Currently, data mart full card records will be formatted as such:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Field** | **Type** | **Detail** |
| 1 | \* | Record Type Code | Numeric | Always 2 |
| 2 | \* | QRS Card ID | Numeric | System generated ID created per card |
| 3 |  | External Card ID | Numeric | Client defined ID number for an individual card |
| 4 | \* | QRS Cardholder ID | Numeric | System generated ID for the CH that the card is assigned to |
| 5 |  | External Cardholder ID | Numeric | If the client has a CH ID they use, we can import this into our system to reference both client and QRS CH IDs. |
| 6 | \* | Name on Card | Alphanumeric | Name printed/embossed on the card – can be generic or the CH Name. |
| 7 | \* | Card Status | Alpha | ReadyForIssue, Issued, Active, Blocked, Expired, Lost, Stolen, Cancelled, BlockedCIP, BlockedPIN, Suspended |
| 8 | \* | Balance | Numeric | Available Balance (actual +/- pending) |
| 9 | \* | Card Brand | Alpha | Visa, Mastercard, Private Label |
| 10 | \* | Card Type | Alpha | (Prepaid, Credit, Debit) |
| 11 | \* | Card Product Name | Alphanumeric | Client defined name for the card product |
| 12 | \* | Masked PAN | Alphanumeric | First 4 and last 4 of the PAN |
| 13 | \* | Expiry Date | Numeric | *MM/YY* |
| 14 | \* | Account Type | Alpha | [See Table: Account Type](#Account_Table) |
| 15 | \* | Account Number | Numeric | System generated number used to route money to the card for ACH (DDA) |
| 16 |  | Pseudo-Account Number | Numeric | Client defined account number from previous system |
| 17 | \* | Create Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 18 |  | Issuance Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 19 |  | Status Change Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 20 | \* | QRS Client ID | Numeric | System generated ID number for the client the CH belongs to |
| 21 | \* | Product ID | Numeric | System generated ID number for the product the card belongs to |

## Delta Card Records – Type Code 4

Delta card records will have the same layout as the full record, with one difference: The “CRUD” operation will be denoted right after the type code. Here’s the layout:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Field** | **Type** | **Detail** |
| 1 | \* | Record Type Code | Numeric | Always 4 |
| 2 | \* | CRUD Op | Alpha | (‘A’ for add/create, ‘U’ for update. Deletes currently not supported.) |
| 3 | \* | QRS Card ID | Numeric | System generated ID created per card |
| 4 |  | External Card ID | Numeric | Client defined ID number for an individual card |
| 5 | \* | QRS Cardholder ID | Numeric | System generated ID for the CH that the card is assigned to |
| 6 |  | External Cardholder ID | Numeric | If the client has a CH ID they use, we can import this into our system to reference both client and QRS CH IDs |
| 7 | \* | Name on Card | Alphanumeric | Name printed/embossed on the card – can be generic or the CH Name. |
| 8 | \* | Status | Alpha | ReadyForIssue, Issued, Active, Blocked, Expired, Lost, Stolen, Cancelled, BlockedCIP, BlockedPIN, Suspended |
| 9 | \* | Balance | Numeric | Available Balance (actual +/- pending) |
| 10 | \* | Card Brand | Alpha | Visa, Mastercard, Private Label |
| 11 | \* | Card Type | Alpha | Prepaid, Credit, Debit |
| 12 | \* | Card Product Name | Alphanumeric | Client defined name for the card product |
| 13 | \* | Masked PAN | Alphanumeric | First 4 and last 4 of the PAN |
| 14 | \* | Expiry Date | Numeric | *MM/YY* |
| 15 | \* | Account Type | Alpha | [See Table: Account Type](#Account_Table) |
| 16 | \* | Account Number | Numeric | System generated number used to route money to the card for ACH (DDA) |
| 17 |  | Pseudo-Account Number | Alphanumeric | Client defined account number from previous system |
| 18 | \* | Create Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 19 |  | Issuance Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 20 |  | Status Change Date | Numeric | *yyyy-MM-dd*T*HH:mm:ss* |
| 21 | \* | QRS Client ID | Numeric | System generated ID number for the client the CH belongs to |
| 22 | \* | Product ID | Numeric | System generated ID number for the product the card belongs to |

# Transaction Record – Type Code 5

Currently, data mart transaction data will be formatted as such:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Field** | **Type** | **Detail** |
| 1 |  | Record Type Code | Numeric | Always 5 |
| 2 |  | QRS Transaction ID | Numeric | System generated ID per record |
| 3 |  | QRS Card ID | Numeric | System generated ID created per card |
| 4 |  | External Card ID | Numeric | Client defined ID number for an individual card |
| 5 |  | QRS Cardholder ID | Numeric | System generated ID for the CH that the card is assigned to |
| 6 |  | External Cardholder ID | Numeric | If the client has a CH ID they use, we can import this into our system to reference both client and QRS CH IDs. |
| 7 |  | Account Number | Numeric | System generated number used to route money to the card for ACH (DDA) |
| 8 |  | Pseudo-Account Number | Alphanumeric | Client defined account number from previous system |
| 9 |  | Transaction Timestamp | Numeric | Processor local time (Mountain). *yyyy-MM-dd*T*HH:mm:ss* |
| 10 |  | Transaction Amount | Numeric | Determined by the transaction currency code |
| 11 |  | Operation Code | Alpha | [See Table: Operation Codes](#Operation_Table) |
| 12 |  | Response Code | Numeric | [See Table: Response Codes](#Response_Table) |
| 13 |  | Transaction Status | Alpha | (‘ ‘ for settled, ‘M’ for matched, ‘W’ for unmatched) |
| 14 |  | Message Type Indicator |  | A four-digit identifier of the type of message.  01xx = Pre-authorization Messages  02xx = Financial Transaction Messages  04xx = Reversal Messages  06xx = Administrative “Error” Messages  08xx = Network Management Messages |
| 15 |  | Currency Code | Alpha | ISO – Alpha 3 Letter Code |
| 16 |  | Is Credit flag | Alpha | If true, transaction is a credit (like add funds) |
| 17 |  | Settlement Date | Numeric | Date that funds will be transferred between acquirer processor and card-issuer processor |
| 18 |  | Settlement Amount | Numeric | Transactions will be in countries main currency code. If original transaction was in another currency it will be converted |
| 19 |  | Settlement Fee | Numeric | Transactions will be in countries main currency code. If original transaction was in another currency it will be converted |
| 20 |  | Settlement Currency Code | Numeric | Standard currency code |
| 21 |  | Transaction Fee | Numeric | Original fee was tied to authorization, after settlement original fee is inserted as a separate record |
| 22 |  | ISA CBA Fee | Numeric | Cross border assessment fee |
| 23 |  | Replacement Amount | Numeric | The replacement amounts necessary to perform a partial or  over-dispense reversal on a financial transaction.  Actual Amount, Transaction: the amount dispensed in the currency of the acquirer processor if the transaction was acquired internationally |
| 24 |  | Replacement Amount Settlement | Numeric | Actual Amount, Settlement: in standard country of origin currency |
| 25 |  | Replacement Fee | Numeric | Transaction Fee: the transaction fee in the currency of the  acquirer processor if the transaction was acquired internationally. |
| 26 |  | Replacement Settlement Fee | Numeric | Actual Amount, Settlement Fee. |
| 27 |  | Real-time Fee | Numeric | QRails real-time fee associated to transaction |
| 28 |  | Merchant Name | Alphanumeric |  |
| 29 |  | Merchant Address | Alphanumeric |  |
| 30 |  | Merchant City | Alphanumeric |  |
| 31 |  | Merchant State | Alphanumeric |  |
| 32 |  | Merchant Postal Code | Alphanumeric |  |
| 33 |  | Merchant Country | Alphanumeric |  |
| 34 |  | Merchant Type | Alphanumeric | The classification of the merchants type of business product or service (Merchant Category Code) |
| 35 |  | Auth Code | Numeric | Response identification assigned by the issuing institution |
| 36 |  | QRS Client ID | Numeric | System generated ID number for the client the CH belongs to |
| 37 |  | Product ID | Numeric | System generated ID number for the product the card belongs to |

#### Table: Account Type

|  |  |  |
| --- | --- | --- |
| **Account Type** | **Short Name** | **Description** |
| 09 | OTH | OTHER ACCOUNT |
| 10 | SAV | SAVING ACCOUNT |
| 20 | CHK | CHECKING ACCOUNT |
| 30 | CRC | CREDIT CARD ACCOUNT |

#### Table: Operation Codes

|  |  |  |  |
| --- | --- | --- | --- |
| **Code** | **Name** | **Type** | **Description** |
| ACV | ACTIVATION | N/A | Card Activation through the network. i.e. At an ATM machine |
| LOD | CARD LOAD | Credit | Card load through the network. i.e. ATM or 3rd party cash merchant like Western Union |
| PAU | PRE- AUTHORIZATION | Debit | Pre-auth for a signature purchase |
| PAC | PRE- AUTHORIZATION ADVICE | Debit | Pre-auth with an advice reason present (card not found). stand-in pre-authorizations that were accepted by gateway on behalf-of issuer |
| PUR | PURCHASE | Debit | PIN Purchase with or without cashback |
| CAW | CASH WITHDRAWAL | Debit | Bank teller withdrawal/ ATM |
| PAY | BILL PAYMENT | Debit | When merchant processes bill payment through network and it's coded as bill payment |
| RET | RETURN | Credit | Retail return of merchandise |
| PIN | PIN CHANGE | N/A | PIN Change processed through the network. i.e. At an ATM machine |
| REV | REVERSAL | Credit | Original auth is debit |
| RVS | REVERSAL | Debit | Original auth is credit, for ex: reversal of a return |
| QCA | QUASI CASH | Debit | Quasi Cash through the network – ex Casino |
| INQ | INQUIRY | N/A | ATM Inquiry |
| PAA | FINANCIAL ADVICE | Debit | Financial Completion of a pre-auth. Ex. Signature Purchase |
| PSP | STATEMENT PROCESSING | N/A | Internal Usage |
| IXC | FUNDS TRANSFER CREDIT | Credit | Funds transfer through the network |
| IXD | FUNDS TRANSFER DEBIT | Debit | Funds transfer through the network |
| CAV | CARD ACCOUNT VERIFICATION | N/A | Merchant sending transaction through network to check status of account |
| FAC | FINANCIAL ADVICE CREDIT | Credit | Transactions are stand-in and forced post credit |
| TPC | PAYMENT FOR A THIRD-PARTY CREDIT OR REFUND | Credit | Funds transfer through the network |
| FAD | FINANCIAL ADVICE DEBIT | Debit | Transactions are stand-in and forced post debit |
| PEI | PURCHASE PERIOD INTEREST | Debit | Only Applies to Credit Programs |
| ADI | ADVANCE PERIOD INTEREST | Debit | Only Applies to Credit Programs |
| POI | PURCHASE OVERDUE INTEREST | Debit | Only Applies to Credit Programs |
| AOI | OVERDUE INTEREST | Debit | Only Applies to Credit Programs |
| CFG | CARD FEE | Debit | New card issuance fee |
| OLF | OVER LIMIT FEE | Debit | Not Used |
| DEP | DEPOSIT | Credit | ATM Deposit through the network |
| ICA | INSTANT CARD ACTIVATION | Credit | Internal Usage |
| DPY | PAYMENT | Credit | Not Used |
| INF | INACTIVITY FEE | Debit | Periodic fee if set up on product |
| TRF | TRANSFER | Debit | Transfer through the network |
| UGF | USAGE FEE | Debit | Periodic fee |
| TXF | TAX FEE | Debit | Periodic fee |
| STF | STATEMENT FEE | Debit | Periodic fee |
| BAF | ADD FUNDS | Credit | ACH Funding, Back off Funding, |
| BRF | REMOVE FUNDS | Debit | Remove funds, funds go back to funding account |
| BPC | PROVISIONAL CREDIT | Credit | A credit processed from the back office during the dispute process |
| FER | FEE REVERSAL | Credit | Manual back-office adjustment |
| OAJ | OVERDRAFT ADJUSTMENTS | Credit | Manual back-office adjustment |
| IFR | INACTIVITY FEE REVERSAL | Credit | Manual back-office adjustment |
| SFR | ATM SERVICE FEE REVERSAL | Credit | Reversal of ATM Service Fee. Processed from the back-office portal |
| AFR | ATM SURCHARGE FEE REVERSAL | Credit | Reversal of ATM Surcharge Fee. Processed from the back-office portal |
| CAF | CASH ADVANCE FEE | Debit | Manual back-office adjustment |
| CAR | CASH ADVANCE FEE REVERSAL | Credit | Manual back-office adjustment |
| DFR | DENIAL FEE REVERSAL | Credit | Fee Reversal - Denied Transaction |
| NFR | NSF FEE REVERSAL | Credit | Fee Reversal - Insufficient Funds. Processed from the back-office portal |
| CFR | TRANSFER CARD-TO-CARD FEE REVERSAL | Credit | Fee Reversal associated with Card-to-card transfers. Processed from the back-office portal |
| LSF | LIVE SUPPORT FEE | Debit | Fee for calling live call center support |
| LFR | LIVE SUPPORT FEE REVERSAL | Credit | Reversal - Fee for calling live call center support. Processed from the back-office portal |
| RCF | REPLACEMENT CARD FEE | Debit | Fee for card replacement |
| RFR | REPLACEMENT CARD REVERSAL | Credit | Fee Reversal - Replacement Card. Processed from the back-office portal |
| ECF | EXPEDITED CARD FEE | Debit | Fee for expediting card to cardholder |
| EFR | EXPEDITED CARD FEE REVERSAL | Credit | Fee Reversal - Expedited Card. Processed from the back-office portal |
| NBC | NEGATIVE BALANCE CORRECTION | Credit | To correct a negative balance without reversing each transaction. Processed from the back-office portal |
| BIR | BAL INQUIRY FEE REVERSAL | Credit | Fee reversal for ATM Bal Inquiry. Processed from the back-office portal |
| CTD | CARD TO CARD TRANSFER DEBIT | Debit | Card to Card Debit |
| CTC | CARD TO CARD TRANSFER CREDIT | Credit | Card to Card Credit |
| TRF | TRANSACTION REALTIME FEE | Debit | Original fee was tied to authorization, after settlement original fee is inserted as a separate record with this op code |
| DFE | DENIAL FEE | Debit | Original decline fee was tied to authorization, after end of day processing decline fee is inserted with this op code |
| RNF | REISSUE CARD FEE | Debit | Fee for card reissuance |
| RNR | REISSUE CARD FEE REVERSAL | Credit | Fee Reversal - Reissued Card |

#### Table: Response Codes

|  |  |
| --- | --- |
| **Response Code** | **Description** |
| 00 | Approved |
| 01 | Refer to Card Issuer |
| 02 | Refer to Card Issuer, special condition |
| 03 | Invalid merchant |
| 04 | Pick-up |
| 05 | Do not honor |
| 06 | Error - Used for Network Management messages |
| 07 | Pick up card, special conditions |
| 09 | Request in progress |
| 10 | Approved for Partial Amount |
| 12 | Invalid transaction |
| 13 | Invalid amount |
| 14 | Invalid card number (no such number) |
| 15 | No such Issuer |
| 19 | Re-enter transaction |
| 20 | Invalid response |
| 23 | Unacceptable transaction fee |
| 24 | File update not supported by receiver |
| 25 | Unable to locate record on file |
| 26 | Duplicate file update record |
| 27 | File update edit error |
| 28 | File update file locked out |
| 29 | File update not successful, contact Acquirer |
| 30 | Format error |
| 31 | Bank not supported by switch |
| 33 | Expired card (Capture) |
| 34 | Suspected fraud (Capture) |
| 35 | Card acceptor contact Acquirer (Capture) |
| 36 | Restricted card (Capture) |
| 37 | Card acceptor, call Acquirer security (Capture) |
| 38 | Allowable PIN tries exceeded (Capture) |
| 39 | No credit account |
| 40 | Requested function not supported |
| 41 | Lost card, fraud (Capture) |
| 42 | No universal account |
| 43 | Stolen card (Capture) |
| 44 | No investment account |
| 51 | Not sufficient funds |
| 52 | No checking account |
| 53 | No savings account |
| 54 | Expired card |
| 55 | Incorrect PIN |
| 56 | No card record |
| 57 | Transaction not permitted to cardholder |
| 58 | Transaction not permitted to terminal |
| 59 | Suspected fraud |
| 61 | Exceeds withdrawal amount limit |
| 62 | Restricted card |
| 63 | Security violation |
| 65 | Exceeds withdrawal frequency limit |
| 67 | Hard capture |
| 75 | Allowable PIN tries exceeded |
| 76 | Key sync error |
| 78 | Cardholder not eligible for POS |
| 80 | Private use (Stale dated transaction) |
| 81 | Issuer not available to authorize |
| 87 | Duplicate |
| 88 | Information not on file |
| 89 | Card Validation failure (CVC/CVV) |
| 91 | Issuer inoperative |
| 92 | FI cannot be found for routing |
| 93 | Transaction cannot be completed, violation of law |
| 94 | Duplication transmission |
| 95 | Reconcile error |
| 96 | System malfunction |
| 98 | Card Validation failure (CVC2/CVV2) - Trackless Transactions |
| 99 | Card Validation failure (CVC3/CVV3) |
| AM | Phone card approved |
| PF | Phone card denied |
| S9 | Expiration date mismatch - no capture |
| SA | Inactive Card |
| SB | Expiration date mismatch – capture card |
| SC | Item suspected for stop pay |
| SD | Acct closed |
| SE | Ineligible account |
| SF | Item submitted more than two times |
| SG | No acct on file |
| SH | Unable to locate |
| SI | General Denial |
| T6 | Special conditions (no capture) |
| T7 | ATC Failure |
| T8 | ARQC Validation Failure |
| TS | Suspected Fraud |

#### Table: Country and Currency Codes

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **List one: Currency, fund and precious metal codes – ISO4217:2015** | | | | |
| Published: June 4, 2018 |  |  |  |  |
| https://www.currency-iso.org/en/home/tables/table-a1.html | |  |  |  |
| **ENTITY** | **Currency** | **Alphabetic Code** | **Numeric Code** | **Minor Unit** |
| AFGHANISTAN | Afghani | AFN | 971 | 2 |
| ÅLAND ISLANDS | Euro | EUR | 978 | 2 |
| ALBANIA | Lek | ALL | 008 | 2 |
| ALGERIA | Algerian Dinar | DZD | 012 | 2 |
| AMERICAN SAMOA | US Dollar | USD | 840 | 2 |
| ANDORRA | Euro | EUR | 978 | 2 |
| ANGOLA | Kwanza | AOA | 973 | 2 |
| ANGUILLA | East Caribbean Dollar | XCD | 951 | 2 |
| ANTARCTICA | No universal currency |  |  |  |
| ANTIGUA AND BARBUDA | East Caribbean Dollar | XCD | 951 | 2 |
| ARGENTINA | Argentine Peso | ARS | 032 | 2 |
| ARMENIA | Armenian Dram | AMD | 051 | 2 |
| ARUBA | Aruban Florin | AWG | 533 | 2 |
| AUSTRALIA | Australian Dollar | AUD | 036 | 2 |
| AUSTRIA | Euro | EUR | 978 | 2 |
| AZERBAIJAN | Azerbaijan Manat | AZN | 944 | 2 |
| BAHAMAS (THE) | Bahamian Dollar | BSD | 044 | 2 |
| BAHRAIN | Bahraini Dinar | BHD | 048 | 3 |
| BANGLADESH | Taka | BDT | 050 | 2 |
| BARBADOS | Barbados Dollar | BBD | 052 | 2 |
| BELARUS | Belarusian Ruble | BYN | 933 | 2 |
| BELGIUM | Euro | EUR | 978 | 2 |
| BELIZE | Belize Dollar | BZD | 084 | 2 |
| BENIN | CFA Franc BCEAO | XOF | 952 | 0 |
| BERMUDA | Bermudian Dollar | BMD | 060 | 2 |
| BHUTAN | Indian Rupee | INR | 356 | 2 |
| BHUTAN | Ngultrum | BTN | 064 | 2 |
| BOLIVIA (PLURINATIONAL STATE OF) | Boliviano | BOB | 068 | 2 |
| BOLIVIA (PLURINATIONAL STATE OF) | Mvdol | BOV | 984 | 2 |
| BONAIRE, SINT EUSTATIUS AND SABA | US Dollar | USD | 840 | 2 |
| BOSNIA AND HERZEGOVINA | Convertible Mark | BAM | 977 | 2 |
| BOTSWANA | Pula | BWP | 072 | 2 |
| BOUVET ISLAND | Norwegian Krone | NOK | 578 | 2 |
| BRAZIL | Brazilian Real | BRL | 986 | 2 |
| BRITISH INDIAN OCEAN TERRITORY (THE) | US Dollar | USD | 840 | 2 |
| BRUNEI DARUSSALAM | Brunei Dollar | BND | 096 | 2 |
| BULGARIA | Bulgarian Lev | BGN | 975 | 2 |
| BURKINA FASO | CFA Franc BCEAO | XOF | 952 | 0 |
| BURUNDI | Burundi Franc | BIF | 108 | 0 |
| CABO VERDE | Cabo Verde Escudo | CVE | 132 | 2 |
| CAMBODIA | Riel | KHR | 116 | 2 |
| CAMEROON | CFA Franc BEAC | XAF | 950 | 0 |
| CANADA | Canadian Dollar | CAD | 124 | 2 |
| CAYMAN ISLANDS (THE) | Cayman Islands Dollar | KYD | 136 | 2 |
| CENTRAL AFRICAN REPUBLIC (THE) | CFA Franc BEAC | XAF | 950 | 0 |
| CHAD | CFA Franc BEAC | XAF | 950 | 0 |
| CHILE | Chilean Peso | CLP | 152 | 0 |
| CHILE | Unidad de Fomento | CLF | 990 | 4 |
| CHINA | Yuan Renminbi | CNY | 156 | 2 |
| CHRISTMAS ISLAND | Australian Dollar | AUD | 036 | 2 |
| COCOS (KEELING) ISLANDS (THE) | Australian Dollar | AUD | 036 | 2 |
| COLOMBIA | Colombian Peso | COP | 170 | 2 |
| COLOMBIA | Unidad de Valor Real | COU | 970 | 2 |
| COMOROS (THE) | Comorian Franc | KMF | 174 | 0 |
| CONGO (THE DEMOCRATIC REPUBLIC OF THE) | Congolese Franc | CDF | 976 | 2 |
| CONGO (THE) | CFA Franc BEAC | XAF | 950 | 0 |
| COOK ISLANDS (THE) | New Zealand Dollar | NZD | 554 | 2 |
| COSTA RICA | Costa Rican Colon | CRC | 188 | 2 |
| CÔTE D'IVOIRE | CFA Franc BCEAO | XOF | 952 | 0 |
| CROATIA | Kuna | HRK | 191 | 2 |
| CUBA | Cuban Peso | CUP | 192 | 2 |
| CUBA | Peso Convertible | CUC | 931 | 2 |
| CURAÇAO | Netherlands Antillean Guilder | ANG | 532 | 2 |
| CYPRUS | Euro | EUR | 978 | 2 |
| CZECHIA | Czech Koruna | CZK | 203 | 2 |
| DENMARK | Danish Krone | DKK | 208 | 2 |
| DJIBOUTI | Djibouti Franc | DJF | 262 | 0 |
| DOMINICA | East Caribbean Dollar | XCD | 951 | 2 |
| DOMINICAN REPUBLIC (THE) | Dominican Peso | DOP | 214 | 2 |
| ECUADOR | US Dollar | USD | 840 | 2 |
| EGYPT | Egyptian Pound | EGP | 818 | 2 |
| EL SALVADOR | El Salvador Colon | SVC | 222 | 2 |
| EL SALVADOR | US Dollar | USD | 840 | 2 |
| EQUATORIAL GUINEA | CFA Franc BEAC | XAF | 950 | 0 |
| ERITREA | Nakfa | ERN | 232 | 2 |
| ESTONIA | Euro | EUR | 978 | 2 |
| ETHIOPIA | Ethiopian Birr | ETB | 230 | 2 |
| EUROPEAN UNION | Euro | EUR | 978 | 2 |
| FALKLAND ISLANDS (THE) [MALVINAS] | Falkland Islands Pound | FKP | 238 | 2 |
| FAROE ISLANDS (THE) | Danish Krone | DKK | 208 | 2 |
| FIJI | Fiji Dollar | FJD | 242 | 2 |
| FINLAND | Euro | EUR | 978 | 2 |
| FRANCE | Euro | EUR | 978 | 2 |
| FRENCH GUIANA | Euro | EUR | 978 | 2 |
| FRENCH POLYNESIA | CFP Franc | XPF | 953 | 0 |
| FRENCH SOUTHERN TERRITORIES (THE) | Euro | EUR | 978 | 2 |
| GABON | CFA Franc BEAC | XAF | 950 | 0 |
| GAMBIA (THE) | Dalasi | GMD | 270 | 2 |
| GEORGIA | Lari | GEL | 981 | 2 |
| GERMANY | Euro | EUR | 978 | 2 |
| GHANA | Ghana Cedi | GHS | 936 | 2 |
| GIBRALTAR | Gibraltar Pound | GIP | 292 | 2 |
| GREECE | Euro | EUR | 978 | 2 |
| GREENLAND | Danish Krone | DKK | 208 | 2 |
| GRENADA | East Caribbean Dollar | XCD | 951 | 2 |
| GUADELOUPE | Euro | EUR | 978 | 2 |
| GUAM | US Dollar | USD | 840 | 2 |
| GUATEMALA | Quetzal | GTQ | 320 | 2 |
| GUERNSEY | Pound Sterling | GBP | 826 | 2 |
| GUINEA | Guinean Franc | GNF | 324 | 0 |
| GUINEA-BISSAU | CFA Franc BCEAO | XOF | 952 | 0 |
| GUYANA | Guyana Dollar | GYD | 328 | 2 |
| HAITI | Gourde | HTG | 332 | 2 |
| HAITI | US Dollar | USD | 840 | 2 |
| HEARD ISLAND AND McDONALD ISLANDS | Australian Dollar | AUD | 036 | 2 |
| HOLY SEE (THE) | Euro | EUR | 978 | 2 |
| HONDURAS | Lempira | HNL | 340 | 2 |
| HONG KONG | Hong Kong Dollar | HKD | 344 | 2 |
| HUNGARY | Forint | HUF | 348 | 2 |
| ICELAND | Iceland Krona | ISK | 352 | 0 |
| INDIA | Indian Rupee | INR | 356 | 2 |
| INDONESIA | Rupiah | IDR | 360 | 2 |
| INTERNATIONAL MONETARY FUND (IMF) | SDR (Special Drawing Right) | XDR | 960 | N.A. |
| IRAN (ISLAMIC REPUBLIC OF) | Iranian Rial | IRR | 364 | 2 |
| IRAQ | Iraqi Dinar | IQD | 368 | 3 |
| IRELAND | Euro | EUR | 978 | 2 |
| ISLE OF MAN | Pound Sterling | GBP | 826 | 2 |
| ISRAEL | New Israeli Sheqel | ILS | 376 | 2 |
| ITALY | Euro | EUR | 978 | 2 |
| JAMAICA | Jamaican Dollar | JMD | 388 | 2 |
| JAPAN | Yen | JPY | 392 | 0 |
| JERSEY | Pound Sterling | GBP | 826 | 2 |
| JORDAN | Jordanian Dinar | JOD | 400 | 3 |
| KAZAKHSTAN | Tenge | KZT | 398 | 2 |
| KENYA | Kenyan Shilling | KES | 404 | 2 |
| KIRIBATI | Australian Dollar | AUD | 036 | 2 |
| KOREA (THE DEMOCRATIC PEOPLE’S REPUBLIC OF) | North Korean Won | KPW | 408 | 2 |
| KOREA (THE REPUBLIC OF) | Won | KRW | 410 | 0 |
| KUWAIT | Kuwaiti Dinar | KWD | 414 | 3 |
| KYRGYZSTAN | Som | KGS | 417 | 2 |
| LAO PEOPLE’S DEMOCRATIC REPUBLIC (THE) | Lao Kip | LAK | 418 | 2 |
| LATVIA | Euro | EUR | 978 | 2 |
| LEBANON | Lebanese Pound | LBP | 422 | 2 |
| LESOTHO | Loti | LSL | 426 | 2 |
| LESOTHO | Rand | ZAR | 710 | 2 |
| LIBERIA | Liberian Dollar | LRD | 430 | 2 |
| LIBYA | Libyan Dinar | LYD | 434 | 3 |
| LIECHTENSTEIN | Swiss Franc | CHF | 756 | 2 |
| LITHUANIA | Euro | EUR | 978 | 2 |
| LUXEMBOURG | Euro | EUR | 978 | 2 |
| MACAO | Pataca | MOP | 446 | 2 |
| MACEDONIA (THE FORMER YUGOSLAV REPUBLIC OF) | Denar | MKD | 807 | 2 |
| MADAGASCAR | Malagasy Ariary | MGA | 969 | 2 |
| MALAWI | Malawi Kwacha | MWK | 454 | 2 |
| MALAYSIA | Malaysian Ringgit | MYR | 458 | 2 |
| MALDIVES | Rufiyaa | MVR | 462 | 2 |
| MALI | CFA Franc BCEAO | XOF | 952 | 0 |
| MALTA | Euro | EUR | 978 | 2 |
| MARSHALL ISLANDS (THE) | US Dollar | USD | 840 | 2 |
| MARTINIQUE | Euro | EUR | 978 | 2 |
| MAURITANIA | Ouguiya | MRU | 929 | 2 |
| MAURITIUS | Mauritius Rupee | MUR | 480 | 2 |
| MAYOTTE | Euro | EUR | 978 | 2 |
| MEMBER COUNTRIES OF THE AFRICAN DEVELOPMENT BANK GROUP | ADB Unit of Account | XUA | 965 | N.A. |
| MEXICO | Mexican Peso | MXN | 484 | 2 |
| MEXICO | Mexican Unidad de Inversion (UDI) | MXV | 979 | 2 |
| MICRONESIA (FEDERATED STATES OF) | US Dollar | USD | 840 | 2 |
| MOLDOVA (THE REPUBLIC OF) | Moldovan Leu | MDL | 498 | 2 |
| MONACO | Euro | EUR | 978 | 2 |
| MONGOLIA | Tugrik | MNT | 496 | 2 |
| MONTENEGRO | Euro | EUR | 978 | 2 |
| MONTSERRAT | East Caribbean Dollar | XCD | 951 | 2 |
| MOROCCO | Moroccan Dirham | MAD | 504 | 2 |
| MOZAMBIQUE | Mozambique Metical | MZN | 943 | 2 |
| MYANMAR | Kyat | MMK | 104 | 2 |
| NAMIBIA | Namibia Dollar | NAD | 516 | 2 |
| NAMIBIA | Rand | ZAR | 710 | 2 |
| NAURU | Australian Dollar | AUD | 036 | 2 |
| NEPAL | Nepalese Rupee | NPR | 524 | 2 |
| NETHERLANDS (THE) | Euro | EUR | 978 | 2 |
| NEW CALEDONIA | CFP Franc | XPF | 953 | 0 |
| NEW ZEALAND | New Zealand Dollar | NZD | 554 | 2 |
| NICARAGUA | Cordoba Oro | NIO | 558 | 2 |
| NIGER (THE) | CFA Franc BCEAO | XOF | 952 | 0 |
| NIGERIA | Naira | NGN | 566 | 2 |
| NIUE | New Zealand Dollar | NZD | 554 | 2 |
| NORFOLK ISLAND | Australian Dollar | AUD | 036 | 2 |
| NORTHERN MARIANA ISLANDS (THE) | US Dollar | USD | 840 | 2 |
| NORWAY | Norwegian Krone | NOK | 578 | 2 |
| OMAN | Rial Omani | OMR | 512 | 3 |
| PAKISTAN | Pakistan Rupee | PKR | 586 | 2 |
| PALAU | US Dollar | USD | 840 | 2 |
| PALESTINE, STATE OF | No universal currency |  |  |  |
| PANAMA | Balboa | PAB | 590 | 2 |
| PANAMA | US Dollar | USD | 840 | 2 |
| PAPUA NEW GUINEA | Kina | PGK | 598 | 2 |
| PARAGUAY | Guarani | PYG | 600 | 0 |
| PERU | Sol | PEN | 604 | 2 |
| PHILIPPINES (THE) | Philippine Piso | PHP | 608 | 2 |
| PITCAIRN | New Zealand Dollar | NZD | 554 | 2 |
| POLAND | Zloty | PLN | 985 | 2 |
| PORTUGAL | Euro | EUR | 978 | 2 |
| PUERTO RICO | US Dollar | USD | 840 | 2 |
| QATAR | Qatari Rial | QAR | 634 | 2 |
| RÉUNION | Euro | EUR | 978 | 2 |
| ROMANIA | Romanian Leu | RON | 946 | 2 |
| RUSSIAN FEDERATION (THE) | Russian Ruble | RUB | 643 | 2 |
| RWANDA | Rwanda Franc | RWF | 646 | 0 |
| SAINT BARTHÉLEMY | Euro | EUR | 978 | 2 |
| SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA | Saint Helena Pound | SHP | 654 | 2 |
| SAINT KITTS AND NEVIS | East Caribbean Dollar | XCD | 951 | 2 |
| SAINT LUCIA | East Caribbean Dollar | XCD | 951 | 2 |
| SAINT MARTIN (FRENCH PART) | Euro | EUR | 978 | 2 |
| SAINT PIERRE AND MIQUELON | Euro | EUR | 978 | 2 |
| SAINT VINCENT AND THE GRENADINES | East Caribbean Dollar | XCD | 951 | 2 |
| SAMOA | Tala | WST | 882 | 2 |
| SAN MARINO | Euro | EUR | 978 | 2 |
| SAO TOME AND PRINCIPE | Dobra | STN | 930 | 2 |
| SAUDI ARABIA | Saudi Riyal | SAR | 682 | 2 |
| SENEGAL | CFA Franc BCEAO | XOF | 952 | 0 |
| SERBIA | Serbian Dinar | RSD | 941 | 2 |
| SEYCHELLES | Seychelles Rupee | SCR | 690 | 2 |
| SIERRA LEONE | Leone | SLL | 694 | 2 |
| SINGAPORE | Singapore Dollar | SGD | 702 | 2 |
| SINT MAARTEN (DUTCH PART) | Netherlands Antillean Guilder | ANG | 532 | 2 |
| SISTEMA UNITARIO DE COMPENSACION REGIONAL DE PAGOS "SUCRE" | Sucre | XSU | 994 | N.A. |
| SLOVAKIA | Euro | EUR | 978 | 2 |
| SLOVENIA | Euro | EUR | 978 | 2 |
| SOLOMON ISLANDS | Solomon Islands Dollar | SBD | 090 | 2 |
| SOMALIA | Somali Shilling | SOS | 706 | 2 |
| SOUTH AFRICA | Rand | ZAR | 710 | 2 |
| SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS | No universal currency |  |  |  |
| SOUTH SUDAN | South Sudanese Pound | SSP | 728 | 2 |
| SPAIN | Euro | EUR | 978 | 2 |
| SRI LANKA | Sri Lanka Rupee | LKR | 144 | 2 |
| SUDAN (THE) | Sudanese Pound | SDG | 938 | 2 |
| SURINAME | Surinam Dollar | SRD | 968 | 2 |
| SVALBARD AND JAN MAYEN | Norwegian Krone | NOK | 578 | 2 |
| SWAZILAND | Lilangeni | SZL | 748 | 2 |
| SWEDEN | Swedish Krona | SEK | 752 | 2 |
| SWITZERLAND | Swiss Franc | CHF | 756 | 2 |
| SWITZERLAND | WIR Euro | CHE | 947 | 2 |
| SWITZERLAND | WIR Franc | CHW | 948 | 2 |
| SYRIAN ARAB REPUBLIC | Syrian Pound | SYP | 760 | 2 |
| TAIWAN (PROVINCE OF CHINA) | New Taiwan Dollar | TWD | 901 | 2 |
| TAJIKISTAN | Somoni | TJS | 972 | 2 |
| TANZANIA, UNITED REPUBLIC OF | Tanzanian Shilling | TZS | 834 | 2 |
| THAILAND | Baht | THB | 764 | 2 |
| TIMOR-LESTE | US Dollar | USD | 840 | 2 |
| TOGO | CFA Franc BCEAO | XOF | 952 | 0 |
| TOKELAU | New Zealand Dollar | NZD | 554 | 2 |
| TONGA | Pa’anga | TOP | 776 | 2 |
| TRINIDAD AND TOBAGO | Trinidad and Tobago Dollar | TTD | 780 | 2 |
| TUNISIA | Tunisian Dinar | TND | 788 | 3 |
| TURKEY | Turkish Lira | TRY | 949 | 2 |
| TURKMENISTAN | Turkmenistan New Manat | TMT | 934 | 2 |
| TURKS AND CAICOS ISLANDS (THE) | US Dollar | USD | 840 | 2 |
| TUVALU | Australian Dollar | AUD | 036 | 2 |
| UGANDA | Uganda Shilling | UGX | 800 | 0 |
| UKRAINE | Hryvnia | UAH | 980 | 2 |
| UNITED ARAB EMIRATES (THE) | UAE Dirham | AED | 784 | 2 |
| UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND (THE) | Pound Sterling | GBP | 826 | 2 |
| UNITED STATES MINOR OUTLYING ISLANDS (THE) | US Dollar | USD | 840 | 2 |
| UNITED STATES OF AMERICA (THE) | US Dollar | USD | 840 | 2 |
| UNITED STATES OF AMERICA (THE) | US Dollar (Next day) | USN | 997 | 2 |
| URUGUAY | Peso Uruguayo | UYU | 858 | 2 |
| URUGUAY | Uruguay Peso en Unidades Indexadas (UI) | UYI | 940 | 0 |
| UZBEKISTAN | Uzbekistan Sum | UZS | 860 | 2 |
| VANUATU | Vatu | VUV | 548 | 0 |
| VENEZUELA (BOLIVARIAN REPUBLIC OF) | Bolívar | VEF | 937 | 2 |
| VIET NAM | Dong | VND | 704 | 0 |
| VIRGIN ISLANDS (BRITISH) | US Dollar | USD | 840 | 2 |
| VIRGIN ISLANDS (U.S.) | US Dollar | USD | 840 | 2 |
| WALLIS AND FUTUNA | CFP Franc | XPF | 953 | 0 |
| WESTERN SAHARA | Moroccan Dirham | MAD | 504 | 2 |
| YEMEN | Yemeni Rial | YER | 886 | 2 |
| ZAMBIA | Zambian Kwacha | ZMW | 967 | 2 |
| ZIMBABWE | Zimbabwe Dollar | ZWL | 932 | 2 |
| ZZ01\_Bond Markets Unit European\_EURCO | Bond Markets Unit European Composite Unit (EURCO) | XBA | 955 | N.A. |
| ZZ02\_Bond Markets Unit European\_EMU-6 | Bond Markets Unit European Monetary Unit (E.M.U.-6) | XBB | 956 | N.A. |
| ZZ03\_Bond Markets Unit European\_EUA-9 | Bond Markets Unit European Unit of Account 9 (E.U.A.-9) | XBC | 957 | N.A. |
| ZZ04\_Bond Markets Unit European\_EUA-17 | Bond Markets Unit European Unit of Account 17 (E.U.A.-17) | XBD | 958 | N.A. |
| ZZ06\_Testing\_Code | Codes specifically reserved for testing purposes | XTS | 963 | N.A. |
| ZZ07\_No\_Currency | The codes assigned for transactions where no currency is involved | XXX | 999 | N.A. |
| ZZ08\_Gold | Gold | XAU | 959 | N.A. |
| ZZ09\_Palladium | Palladium | XPD | 964 | N.A. |
| ZZ10\_Platinum | Platinum | XPT | 962 | N.A. |
| ZZ11\_Silver | Silver | XAG | 961 | N.A. |